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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/066,620 | 02/06/2002 | Atsushi Tanaka | 00862.022511 | 4494 |

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NEW YORK, NY 10112

EXAMINER

SHANKAR, VIJAY

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2673

DATE MAILED: 01/10/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/066,620

Applicant(s)

TANAKA, ATSUSHI

Examiner

VIJAY SHANKAR

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on RCE and Amendment filed on 10-26-2005.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-11 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 5-7 and 9 is/are rejected.
- 7) ☒ Claim(s) 4, 8, 10 and 11 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10-26-2005 has been entered.

Priority

2. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-3, 5-7, and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by Matsuura (5,615,318).

Regarding Claims 1, 5, and 9, Matsuura teaches a coordinate input apparatus and a control method and a computer-readable memory which detects three-dimensional position coordinates of an indicating tool (fig.23; col.14, lines 16-25) used in combination with a display (40 in fig.3) for displaying a window based on two-dimensional coordinates (Summary; Figures 1-3, 31-33; col.6, lines 7-45), comprising: storage means for storing a set of coordinate values of a plurality of points for defining a three-dimensional space area (fig.3; col.2, lines 25- col.3, line 20; col.4, lines 10-28; col.8, lines 1-13); coordinate detection means for detecting a three-dimensional absolute coordinate value (Col.8, lines 25-46; Col.10, lines 11-16) of the indicating tool in a three-dimensional space area (fig.8; Col.8, lines 25-46; Col.10, lines 11-16; Fig.21; Col.13, lines 10-36; Fig.32A-B, Col.17, lines 10-58); determination means for determining whether a three-dimensional absolute coordinate value belongs to the three-dimensional space area defined by the set of coordinate values stored in the storage means (figs.1-3; col.2, line 65- col.4, line 27; col.6, line 7- col.7, line 6; col.13, line 30- col.14, line 40; col.23, lines 10-31; col.24, lines 60-65); and conversion means for converting, responsive to a determination of the determination means that the three-dimensional absolute coordinate value (Col.8, lines 25-46; Col.10, lines 11-16) belongs to the three-dimensional space area, a position of the three-dimensional absolute coordinate value in the three-dimensional space area into a

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display coordinate value of the display (summary; figs.22-24; Col.4, lines 1-28; Col.13, line 30- Col.14, line 40 for 3 D mapping; Col.23, lines 10- Col.26, line 25) .

Regarding Claims 2, 6, Matsuura teaches the storage means stores a set of coordinate values of a plurality of points for defining each coordinate area for each of a plurality of types of coordinate input areas (fig.3; col.2, lines 25- col.3, line 20; col.4, lines 10-28; col.8, lines 1-13; col.13, line 30- col.14, line 40).

Regarding Claims 3, 7, Matsuura teaches the storage means further stores switch information indicating coordinate input operation of the indicating tool for each of the coordinate input areas (fig.3; col.2, lines 25- col.3, line 20; col.4, lines 10-28; col.8, lines 1-13; col.13, line 30- col.14, line 40).

Allowable Subject Matter

5. Claims 4, 8 and 10-11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. The following is an examiner's statement of reasons for allowance: The prior art fails to teach the storage means further stores a definition table for defining operation of executing predetermined processing corresponding to operation of a mouse with respect to a plurality of switches of the coordinate input area and the indicating tool as claimed in Claims 4 and 8.

Also, the prior art fails to teach the converting means and step which calculates two-dimensional coordinate values in one of planes comprising the three-dimensional space area and converts the two-dimensional coordinate values into the display coordinate value on the basis of a predetermined magnification and offset as claimed in Claims 10 and 11.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

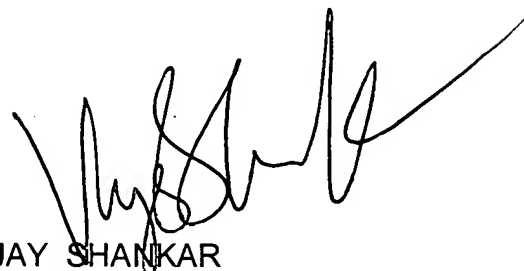
7. Applicant's arguments with respect to claims 1-11 have been considered but are moot in view of the new ground(s) of rejection.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIJAY SHANKAR whose telephone number is (571) 272-7682. The examiner can normally be reached on M-F 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BIPIN SHALWALA can be reached on (571) 272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Vijay Shankar', is written over the printed name.

VIJAY SHANKAR
Primary Examiner
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VS